

# Fei-fei Wang

## List of Publications by Year in descending order

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16  
papers

802  
citations

687363

13  
h-index

940533

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g-index

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all docs

16  
docs citations

16  
times ranked

350  
citing authors

#	ARTICLE	IF	CITATIONS
1	MILD oxy-combustion of gaseous fuels in a laboratory-scale furnace. <i>Combustion and Flame</i> , 2013, 160, 933-946.	5.2	193
2	Progress and recent trend in MILD combustion. <i>Science China Technological Sciences</i> , 2011, 54, 255-269.	4.0	133
3	Emissions of NO and CO from counterflow combustion of CH <sub>4</sub> under MILD and oxyfuel conditions. <i>Energy</i> , 2017, 124, 652-664.	8.8	76
4	Moderate or Intense Low-Oxygen Dilution Combustion of Methane Diluted by CO <sub>2</sub> and N <sub>2</sub> . <i>Energy &amp; Fuels</i> , 2015, 29, 4576-4585.	5.1	69
5	Combustion of CH <sub>4</sub> /O <sub>2</sub> /N <sub>2</sub> in a well stirred reactor. <i>Energy</i> , 2014, 72, 242-253.	8.8	54
6	Influences of Reactant Injection Velocities on Moderate or Intense Low-Oxygen Dilution Coal Combustion. <i>Energy &amp; Fuels</i> , 2014, 28, 369-384.	5.1	52
7	Premixed Moderate or Intense Low-Oxygen Dilution (MILD) Combustion from a Single Jet Burner in a Laboratory-Scale Furnace. <i>Energy &amp; Fuels</i> , 2011, 25, 2782-2793.	5.1	47
8	Review on MILD Combustion of Gaseous Fuel: Its Definition, Ignition, Evolution, and Emissions. <i>Energy &amp; Fuels</i> , 2021, 35, 7572-7607.	5.1	45
9	Dimensions of CH <sub>4</sub> -Jet Flame in Hot O <sub>2</sub> /CO <sub>2</sub> Coflow. <i>Energy &amp; Fuels</i> , 2012, 26, 3257-3266.	5.1	43
10	A refined global reaction mechanism for modeling coal combustion under moderate or intense low-oxygen dilution condition. <i>Energy</i> , 2018, 157, 764-777.	8.8	22
11	Dependence of the blowout limit on flow structure, heat transfer, and pressure loss in a bluff-body micro-combustor. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 19912-19925.	7.1	20
12	Detailed investigation of NO mechanism in non-premixed oxy-fuel jet flames with CH <sub>4</sub> /H <sub>2</sub> fuel blends. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 8534-8557.	7.1	19
13	A novel method to improve stability of MILD combustion in a highly heat-extracted furnace. <i>Fuel</i> , 2021, 292, 120315.	6.4	15
14	Characteristics of Nitric-Oxide Emissions from Traditional Flame and MILD Combustion Operating in a Laboratory-Scale Furnace. <i>Journal of Thermal Science</i> , 2020, 29, 868-883.	1.9	10
15	Particle deposition in ventilation duct with convex or concave wall cavity. <i>Journal of Central South University</i> , 2018, 25, 2601-2614.	3.0	3
16	A Study of Particle Deposition in Ventilation Ducts With Convex or Con-cave Wall Cavity. <i>Procedia Engineering</i> , 2017, 205, 3285-3292.	1.2	1